



**BHARAT HEAVY ELECTRICALS LIMITED**

**HEEP HARIDWAR INDIA-PIN 249403**

**FAX NO: 0091 1334 226462**

**PHONE NO: 01334 285076**

**REQUIREMENT OF INTERLOCK, PANEL MOUNT LED INDICATOR & MICRO SWITCH**

The Heavy Electricals Equipment Plant (HEEP) located in Haridwar, India is one of the major manufacturing plants of Bharat Heavy Electricals Ltd. The core business of HEEP includes design and manufacture of large steam and gas turbines, turbo generators, Defense Items and so on.

Details of items details as below:

SLN	MAT CODE	ITEM DISCREPTION	QUANTITY (NOS.)	Delivery Schedule (Days)
1	W97052601010	INTERLOCK MS16106-1  N.STD:MS16106	15	60
2	W97052805103	PANEL MOUNT LED INDICATOR AS PER MODEL NO.- Q22F1CXXR24E OF APEM OR EQUIVALENT	18	60
3	W97053301028	P/B SWITCH, MS27903-1 N.STD:MS27903	4	60
4	W97053302032	MICRO SWITCH MS27240-3, TWO POLE DOUBLE THROW (2PDT), ACTUATOR: ROLLER PLUNGER, TERMINATION: LEADWIRE #20AWG (SIDE EXIT) MIL-W-22759/7, ELECTRICAL RATING: 7A @ 28VDC, HOUSING HEIGHT: 25.4MM, HOUSING DIAMETER: 17.5MM, CATA LOG LISTING: 622EN1-6 OF M/S HONEYWELL OR EQUIVALENT	18	60
5	W97053303012	SWITCH TYPE 44HS45-04-1-06-N OF GRAYHILL N.STD: GRAYHILL MAKE	8	60
6	W97053303020	SWITCH TYPE 44HS90-04-2-02-N OF GRAYHILL N.STD: GRAYHILL MAKE	1	60
7	W97053303055	SWITCH MS24659-23D N.STD:MS24659	10	60
8	W97053801012	REMOTE SWITCH MS27222-1 N.STD:MS27222	8	60
9	W97053303047	SWITCH TYPE 414219-464407 OF TSCHUDINHEID; OR <b>TH414219RED</b> <b>OF JOHNSON</b> N.STD: TSCHUDIN HEID MAKE	17	60

1. EARLY DELIVERY ACCEPTABLE.
2. ALL VENDORS TO PROVIDE POINT WISE REPLY/CONFIRMATION ALONG WITH RELEVANT SUPPORTING DOCUMENTS TO EACH AND EVERY POINT OF **PRE-QUALIFICATION REQUIREMENT/PQR** FOR ALL ENQUIRY ITEMS. NONCOMPLIANCE OF THESE MAY LEAD TO REJECTION OF OFFER AS THESE ARE ESSENTIAL CONDITION FOR PARTICIPATING IN TENDER ENQUIRY.
3. KINDLY UPLOAD/ATTACH THE SPECIFICATION DETAILS/ CATALOGUE OF OFFERED ITEMS.
4. KINDLY **SUBMIT TECHNO-COMMERCIAL CHECKLIST** ALONG WITH YOUR OFFER.
5. KINDLY **SUBMIT PQR SHEET WITH SUPPORTING DOCUMENTS** ALONG WITH YOUR OFFER.
6. VENDOR TO CONFIRM TO PROVIDE TEST CERTIFICATES AS PER SPECIFIED MANUFACTURER'S STANDARD PRACTICE INCLUDING DOCUMENTS COFORMING TO ENQUIRY MAKE/MODEL/PART NO. ALONG WITH THE MATERIAL.
7. IN CASE OF EQUIVALENTS OR UNDEFINED MAKE, VENDOR TO CONFIRM TO PROVIDE ORIGINAL MANUFACTURER'S TEST CERTIFICATES/DOCUMENTS OF ITEMS MEETING ENQUIRY REQUIREMENT.
8. VENDOR TO CONFIRM TO PROVIDE CERTIFICATE OF CONFORMANCE.
9. VENDOR TO CONFIRM TO PROVIDE IDENTIFICATION OF ALL ITEMS AND SUBSEQUENT IDENTIFICATION REPORTS

**QUALIFYING CONDITIONS FOR INTERLOCK, SWITCH, INDICATOR ETC**

<b>Sl.</b>	<b>PQR Requirement</b>	<b>Vendor's Action</b>	<b>Vendor's Response (Yes / No / Remarks, if any)</b>
1.	<p>a) who have experience of supplying Items to defense establishments like OFB, ISRO, HAL, BEL etc</p> <p>Vendor to submit experience of supply of items to defense establishments. Documents like Unpriced PO copy, dispatch docs etc to be submitted.</p>	Vendor to confirm & submit	
	b) There shall be no pending rejections of the supplied PO.	Vendor to confirm	
2.	Who can supply military grade items as per BHEL requirements.	Vendor to confirm	
3.	who can provide OEM Certificate of Conformance (OEM-COC)/Traceability along with the supplies.	Vendor to confirm	
4.	BHEL reserves the right to verify information submitted by vendor. In case the information is found to be false/incorrect, the offer shall be rejected. Vendor to accept & confirm.	Vendor to accept/ confirm	
5.	Point numbers 1 to 4 are the Mandatory Qualification Requirements. Offers of vendors not meeting these requirements will NOT be considered.	Vendor to confirm	

**AGM/DPE**

**PQR2023-24-123\_DF140**  
**MILITARY GRADE INTERLOCK, SWITCHES, MICROSWITCHES, INDICATOR ETC**  
**ENGG.CHECK LIST**

A)	Requirement	Vendor's Confirmation (Yes/No)
1	Vendor to confirm to provide OEM COC (OEM's Certificate of Conformance) /Traceability.	
2	Vendor to confirm that the military grade items have been offered fully complying to BHEL's requirements.	

B)	Vendor to fill the details:			
SN	BHEL Mat.Code	Item Description	Vendor to specify whether the offered item is same model no. as specified by BHEL in item description or any equivalent/ alternate.	Vendor to specify Make/Model number.
1	W97052601010	INTERLOCK MS16106-1		
2	W97052805103	PANEL MOUNT LED INDICATOR AS PER MODEL NO.- Q22F1CXXR24E OF APEM OR EQUIVALENT.		
3	W97053301028	P/B SWITCH, MS27903-1		
4	W97053302032	MICRO SWITCH MS27240-3, TWO POLE DOUBLE THROW (2PDT), ACTUATOR: ROLLER PLUNGER, TERMINATION: LEADWIRE #20AWG (SIDE EXIT) MIL-W-22759/7, ELECTRICAL RATING: 7A @ 28VDC, HOUSING HEIGHT: 25.4MM, HOUSING DIAMETER: 17.5MM, CATALOG LISTING: 622EN1-6 OF M/S HONEYWELL OR EQUIVALENT		
5	W97053303012	SWITCH TYPE 44HS45-04-1-06-N OF GRAYHILL		
6	W97053303020	SWITCH TYPE 44HS90-04-2-02-N OF GRAYHILL		
7	W97053303055	SWITCH MS24659-23D		
8	W97053801012	REMOTE SWITCH MS27222-1		
9	W97053303047	SWITCH TYPE 414219-464407 OF TSCHUDINHEID OR TH414219RED OF JOHNSON		

Note: Vendor to also submit product catalogues for above items.

## **TECHNO-COMMERCIAL CHECKLIST**

SL. NO.	TERMS & CONDITION	VENDOR CONFIRMATION /REMARKS / REPLY
<b>TENDER DETAILS</b>		
<b>1</b>	BIDDER NAME	
<b>2</b>	GEM BID NO	
<b>QUALITY &amp; TECHNICAL REQUIREMENTS</b>		
<b>3</b>	VENDORS TO CONFIRM TO PROVIDE POINT WISE REPLY/ CONFIRMATION ALONG WITH RELEVANT SUPPORTING DOCUMENTS TO EACH AND EVERY POINT OF <b>PRE-QUALIFICATION REQUIREMENT/PQR</b> FOR ALL ENQUIRY ITEMS. NONCOMPLIANCE OF THESE MAY LEAD TO REJECTION OF OFFER AS THESE ARE ESSENTIAL CONDITION FOR PARTICIPATING IN TENDER ENQUIRY	
<b>4</b>	VENDOR TO CONFIRM TO PROVIDE TEST CERTIFICATES AS PER SPECIFIED MANUFACTURER'S STANDARD PRACTICE INCLUDING DOCUMENTS COFORMING TO ENQUIRY MAKE/MODEL/PART NO. ALONG WITH THE MATERIAL	
<b>5</b>	IN CASE OF EQUIVALENTS OR UNDEFINED MAKE, VENDOR TO CONFIRM TO PROVIDE ORIGINAL MANUFACTURER'S TEST CERTIFICATES/DOCUMENTS OF ITEMS MEETING ENQUIRY REQUIREMENT.	
<b>6</b>	VENDOR TO CONFIRM TO PROVIDE CERTIFICATE OF CONFORMANCE.	
<b>7</b>	VENDOR TO CONFIRM TO PROVIDE IDENTIFICATION OF ALL ITEMS AND SUBSEQUENT IDENTIFICATION REPORTS.	
<b>COMMERICAL REMARKS</b>		
<b>8</b>	ITEMS TO BE SUPPLIED AS PER ITEM DESCRIPTION/ SPECIFICATION/ STANDARD.	
<b>9</b>	SUBMIT MAKE IN INDIA CERTIFICATE ALONG WITH OFFER	
<b>10</b>	SUBMIT PRODUCT CATALOGUE/DATASHEET OF EACH QUOTED ITEMS	
<b>11</b>	<b>BREACH OF CONTRACT CLAUSE:.</b> IN CASE OF BREACH OF CONTRACT, WHEREVER THE VALUE OF SECURITY INSTRUMENTS LIKE PERFORMANCE BANK GUARANTEE AVAILABLE WITH BHEL AGAINST THE SAID CONTRACT IS ATLEAST 10% OF THE CONTRACT VALUE, THE SAME BE ENCASHED. IN CASE THE VALUE OF THE SECURITY INSTRUMENTS AVAILABLE IS LESS THAN 10% OF THE CONTRACT VALUE, THE BALANCE AMOUNT BE RECOVERED FROM OTHER FINANCIAL REMEDIES (I.E. AVAILABLE BILLS OF THE CONTRACTOR, RETENTION AMOUNT, ETC. WITH BHEL) OR LEGAL REMEDIES BE PURSUED.	
<b>12</b>	<b>ACTION AGAINST BIDDERS / VENDOR / SUPPLIER / CONTRACTOR IN CASE OF DEFAULT:</b> IN ORDER TO PROTECT THE COMMERCIAL INTERESTS OF BHEL, BHEL SHALL TAKE ACTION AGAINST SUPPLIES / CONTRACTORS BY WAY OF SUSPENSION OF BUSINESS DEALINGS, WHO EITHER FAIL TO PERFORM OR ARE IN DEFAULT WITHOUT ANY REASONABLE CAUSE, CAUSE LOSS OF BUSINESS/ MONEY/ REPUTATION, INDULGE IN MALPRACTICES, CHEATING, BRIBERY, FRAUD OR ANY OTHER MISCONDUCT OR FORMATION OF CARTELS SO AS TO INFLUENCE THE BIDDING PROCESS OR INFLUENCE THE PRICE ETC.SUSPENSION OF BUSINESS DEALINGS COULD BE IN THE FORM OF "HOLD" OR "BANNING" A SUPPLIER/ CONTRACTOR OR A BIDDER AND SHALL BE AS PER "GUIDELINES FOR SUSPENSION OF BUSINESS DEALINGS WITH SUPPLIERS/ CONTRACTORS" AVAILABLE AT BHEL'S WEBSITE " <a href="https://www.bhel.com/guidelines-suspension-business-dealings-supplierscontractors">https://www.bhel.com/guidelines-suspension-business-dealings-supplierscontractors</a> "	
<b>13</b>	REST GENERAL TERMS AND CONDITIONS AS PER GeM	

1. ALL VENDORS TO PROVIDE POINT WISE REPLY/CONFIRMATION ALONG WITH RELEVANT SUPPORTING DOCUMENTS TO EACH AND EVERY POINT OF **PRE-QUALIFICATION REQUIREMENT/PQR** FOR ALL ENQUIRY ITEMS. NONCOMPLIANCE OF THESE MAY LEAD TO REJECTION OF OFFER AS THESE ARE ESSENTIAL CONDITION FOR PARTICIPATING IN TENDER ENQUIRY.
2. EARLY DELIVERY ACCEPTABLE.
3. ALL VENDORS TO PROVIDE POINT WISE REPLY/CONFIRMATION ALONG WITH RELEVANT SUPPORTING DOCUMENTS TO EACH AND EVERY POINT OF **PRE-QUALIFICATION REQUIREMENT/PQR** FOR ALL ENQUIRY ITEMS. NONCOMPLIANCE OF THESE MAY LEAD TO REJECTION OF OFFER AS THESE ARE ESSENTIAL CONDITION FOR PARTICIPATING IN TENDER ENQUIRY.
4. KINDLY UPLOAD/ATTACH THE SPECIFICATION DETAILS/ CATALOGUE OF OFFERED ITEMS.
5. KINDLY **SUBMIT TECHNO-COMMERCIAL CHECKLIST** ALONG WITH YOUR OFFER.
6. KINDLY **SUBMIT PQR SHEET WITH SUPPORTING DOCUMENTS** ALONG WITH YOUR OFFER.
7. SUBMIT MAKE IN INDIA CERTIFICATE ALONG WITH OFFER.
8. VENDOR TO CONFIRM TO PROVIDE TEST CERTIFICATES AS PER SPECIFIED MANUFACTURER'S STANDARD PRACTICE INCLUDING DOCUMENTS COFORMING TO ENQUIRY MAKE/MODEL/PART NO. ALONG WITH THE MATERIAL.
9. IN CASE OF EQUIVALENTS OR UNDEFINED MAKE, VENDOR TO CONFIRM TO PROVIDE ORIGINAL MANUFACTURER'S TEST CERTIFICATES/DOCUMENTS OF ITEMS MEETING ENQUIRY REQUIREMENT.
10. VENDOR TO CONFIRM TO PROVIDE CERTIFICATE OF CONFORMANCE.
11. VENDOR TO CONFIRM TO PROVIDE IDENTIFICATION OF ALL ITEMS AND SUBSEQUENT IDENTIFICATION REPORTS.
12. IF PRICE QUOTED BY MSE VENDOR IS WITHIN THE PRICE BAND OF L1+15%, THEN 25% QUANTITY OF THE RESPECTIVE ITEM (ROUNDED OFF TO NEAREST NUMBER) SHALL BE OFFERED TO MSE VENDOR SUBJECT TO MATCHING THE L1 PRICES.  
IF THE QUANTITY REQUIRED IS 1 NUMBER (AS SUCH NON-DIVISIBLE), MSE QUOTING WITH IN PRICE PREFERENCE OF L1+15% SHALL BE OFFERED 100% QUANTITY SUBJECT TO MATCHING THE L1 PRICES
13. MSE/MII: THE SUPPLIER NEEDS TO SUBMIT/UPDATE MSE/MII CREDENTIALS ON GEM PORTAL DURING PROFILE UPDATION/ OFFER SUBMISSION STAGE. THE MSE DATA SUBMITTED IS CROSS VERIFIED BY GEM WITH GOVT. OF INDIA UDYAM/NSIC DATABASE THROUGH API INTEGRATION ON REAL TIME BASIS AND FOR MII, A SELF DECLARATION IS BEING GIVEN AND AUTHENTICATED BY AADHAR OTP. IF THE SELLER FAILS TO CLAIM MSE/MII PROVISION ON GEM PORTAL AT PROFILE UPDATION/BID SUBMISSION STAGE, THE SAID SELLER WILL BECOME INELIGIBLE FOR GETTING THE MSE/MII BENEFITS FOR THAT BID AUTOMATICALLY. THE VENDOR CAN ALWAYS CONTACT THE GEM HELPDESK, IN CASE OF ANY ISSUES.
14. THE PRICE QUOTE BY BIDDER SHOULD BE INCLUSIVE OF GST & SHOULD BE ON BHEL HEEP HARIDWAR STORES BASIS.
15. BIDDER'S OFFER IS LIABLE TO BE REJECTED IF THEY DON'T UPLOAD ANY OF THE CERTIFICATES / DOCUMENTS SOUGHT IN THE BID DOCUMENT, ATC AND CORRIGENDUM IF ANY.
16. **BREACH OF CONTRACT CLAUSE:**

IN CASE OF BREACH OF CONTRACT, WHEREVER THE VALUE OF SECURITY INSTRUMENTS LIKE PERFORMANCE BANK GUARANTEE AVAILABLE WITH BHEL AGAINST THE SAID CONTRACT IS ATLEAST 10% OF THE CONTRACT VALUE, THE SAME BE ENCASHED. IN CASE THE VALUE OF THE SECURITY INSTRUMENTS

AVAILABLE IS LESS THAN 10% OF THE CONTRACT VALUE, THE BALANCE AMOUNT BE RECOVERED FROM OTHER FINANCIAL REMEDIES (I.E. AVAILABLE BILLS OF THE CONTRACTOR, RETENTION AMOUNT, ETC. WITH BHEL) OR LEGAL REMEDIES BE PURSUED.

**17. ACTION AGAINST BIDDERS / VENDOR / SUPPLIER / CONTRACTOR IN CASE OF DEFAULT:**

IN ORDER TO PROTECT THE COMMERCIAL INTERESTS OF BHEL, BHEL SHALL TAKE ACTION AGAINST SUPPLIES / CONTRACTORS BY WAY OF SUSPENSION OF BUSINESS DEALINGS, WHO EITHER FAIL TO PERFORM OR ARE IN DEFAULT WITHOUT ANY REASONABLE CAUSE, CAUSE LOSS OF BUSINESS/ MONEY/ REPUTATION, INDULGE IN MALPRACTICES, CHEATING, BRIBERY, FRAUD OR ANY OTHER MISCONDUCT OR FORMATION OF CARTELS SO AS TO INFLUENCE THE BIDDING PROCESS OR INFLUENCE THE PRICE ETC.

SUSPENSION OF BUSINESS DEALINGS COULD BE IN THE FORM OF "HOLD" OR "BANNING" A SUPPLIER/ CONTRACTOR OR A BIDDER AND SHALL BE AS PER "GUIDELINES FOR SUSPENSION OF BUSINESS DEALINGS WITH SUPPLIERS/ CONTRACTORS" AVAILABLE AT BHEL'S WEBSITE <https://www.bhel.com/guidelines-suspension-business-dealings-supplierscontractors>

18. BIDDERS ARE ADVISED TO CHECK APPLICABLE GST ON THEIR OWN BEFORE QUOTING. BUYER WILL NOT TAKE ANY RESPONSIBILITY IN THIS REGARDS. GST REIMBURSEMENT WILL BE AS PER ACTUALS OR AS PER APPLICABLE RATES (WHICHEVER IS LOWER), SUBJECT TO THE MAXIMUM OF QUOTED GST %.

19. BIDDER SHALL SUBMIT THE FOLLOWING DOCUMENTS ALONG WITH THEIR BID FOR VENDOR CODE CREATION:

**A. COPY OF PAN CARD B. COPY OF GSTIN C. COPY OF MSE CERIFICATE**

20. DEDICATED /TOLL FREE TELEPHONE NO. FOR SERVICE SUPPORT: BIDDER/OEM MUST HAVE DEDICATED/TOLL FREE TELEPHONE NO. FOR SERVICE SUPPORT.

21. DATA SHEET OF THE PRODUCT(S) OFFERED IN THE BID, ARE TO BE UPLOADED ALONG WITH THE BID DOCUMENTS. BUYERS CAN MATCH AND VERIFY THE DATA SHEET WITH THE PRODUCT SPECIFICATIONS OFFERED. IN CASE OF ANY UNEXPLAINED MISMATCH OF TECHNICAL PARAMETERS, THE BID IS LIABLE FOR REJECTION.

22. SCOPE OF SUPPLY (BID PRICE TO INCLUDE ALL COST COMPONENTS): ONLY SUPPLY OF GOODS.

23. PRODUCTS SUPPLIED SHALL BE NONTOXIC AND HARMLESS TO HEALTH. IN THE CASE OF TOXIC MATERIALS, MATERIAL SAFETY DATA SHEET MAY BE FURNISHED ALONG WITH THE MATERIAL.

24. WHILE GENERATING INVOICE IN GEM PORTAL, THE SELLER MUST UPLOAD SCANNED COPY OF GST INVOICE AND THE SCREENSHOT OF GST PORTAL CONFIRMING PAYMENT OF GST.

**25. PAYMENT TERMS SHALL BE AS PER FOLLOWINGS:**

- a) **FOR NON-MSES BIDDER:** 100% payment along with taxes, freight & insurance will be made after receipt and acceptance of material and within 90 days from the date of invoice subject to submission of non-discrepant documents within 15 days of supply as per terms and conditions of Purchase Order (THIS IS IN SUPERSESION OF 10 DAYS' TIME AS PROVIDED IN CLAUSE 12 OF GEM GTC).
- b) **FOR MSES BIDDER:** For MSEs (covered under MSME Act) which are registered and periodically renewed with BHEL, the payment will be made within 45 days or as prescribed in the relevant act. Benefits of MSE (such as EMD Waiver, Tender fee exemption, Price preference, Payment preference etc.) will be given only to those MSE Vendors who are manufacturers of offered items against the NIT. No MSE benefits shall be provided to Agents / Stockists /Dealers / Traders etc. for the items offered but not manufactured by themselves."

- c) **FOR MEDIUM ENTERPRISES:** 100% payment along with taxes, freight & insurance will be made after receipt and acceptance of material and within 60 days from the date of invoice subject to submission of non-discrepant documents within 15 days of supply as per terms and conditions of Purchase Order.
- d) Please note that vendor to adhere to the payment terms as per above. No deviation in payment terms shall be accepted. Vendor to submit their offer accordingly.



**MAKE IN INDIA SELF CERTIFICATION**

As per Government Public procurement order no. P-45021/2/2017-BE-II dt.15.06.2017 & P45021/2/2017-PP(BE-II) dated 28.05.2018,29.5.2019, 04.6.2020 and amendment dated 16.09.2020, it is hereby certifying that we

.....  
..... (supplier name) are .....(Class-I/Class-II)  
local supplier and will meet the requirement of minimum local content of .....  
(50%/20%) as defined in public procurement order dated 04.6.2020 for material against Enquiry no.  
..... Details of  
location at which local value addition will be made is as follows: -

.....  
.....  
.....

We also understand, false declarations will be in breach of the code of integrity under Rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151 (iii) of the general financial rules along with such other actions as may be permissible under law.

**Note:**

As per office order P-45021/102/2019-BE-II-Part (1) (E-50310) Dated 04/03/2021, Bidders can't claim itself as "Class-I local supplier/Class-II local suppliers" by claiming the service such as transportation, insurance, installation, commissioning, training & after sales service support like AMC/CMC etc. as local value addition. Bidder offering imported product will fall under the category of Non-Local supplier.